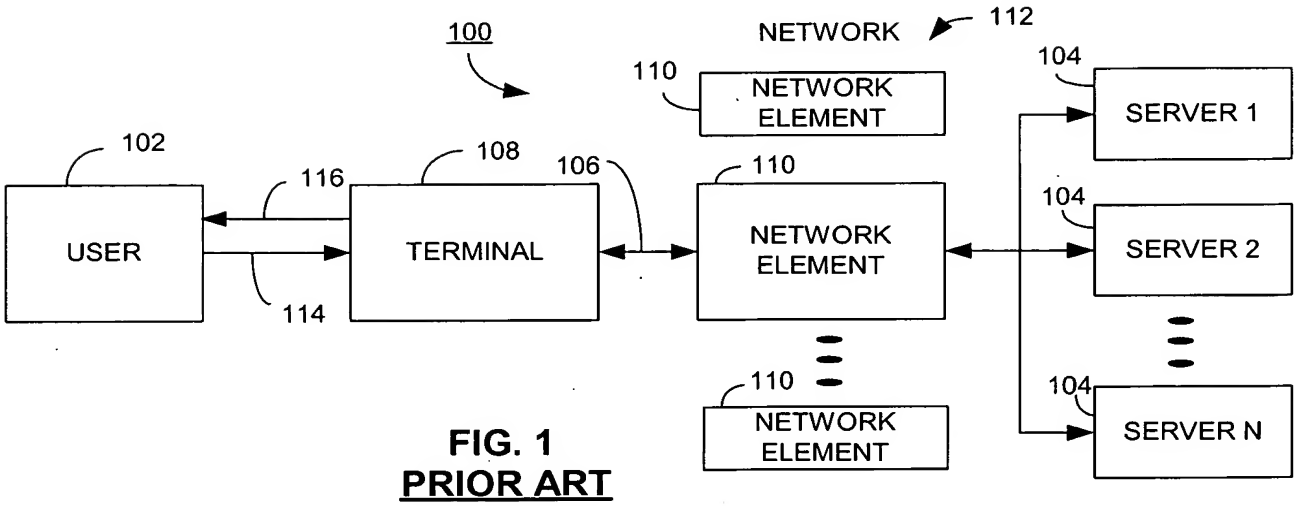


FIG. 1
PRIOR ART

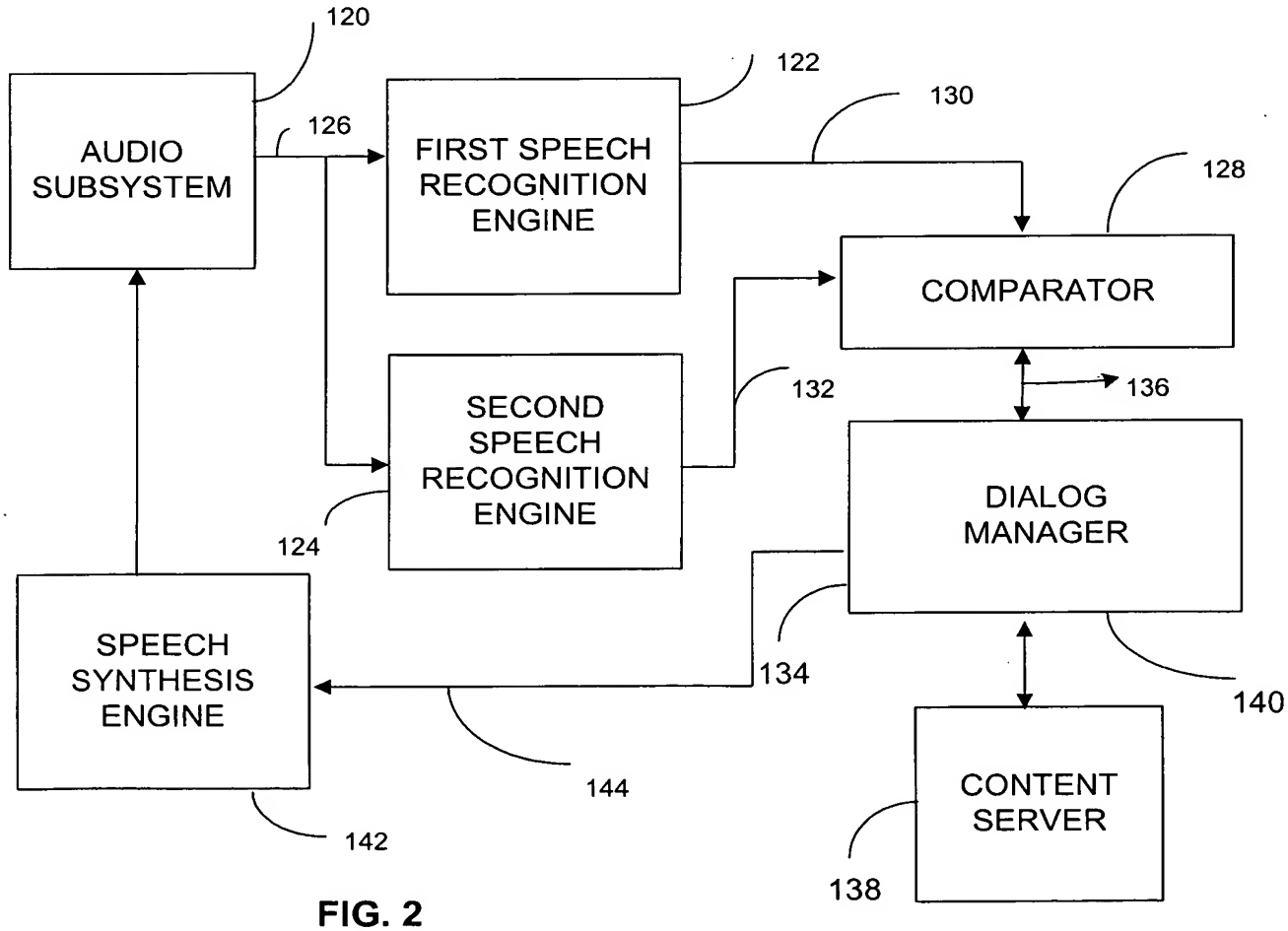


FIG. 2

Google-2150

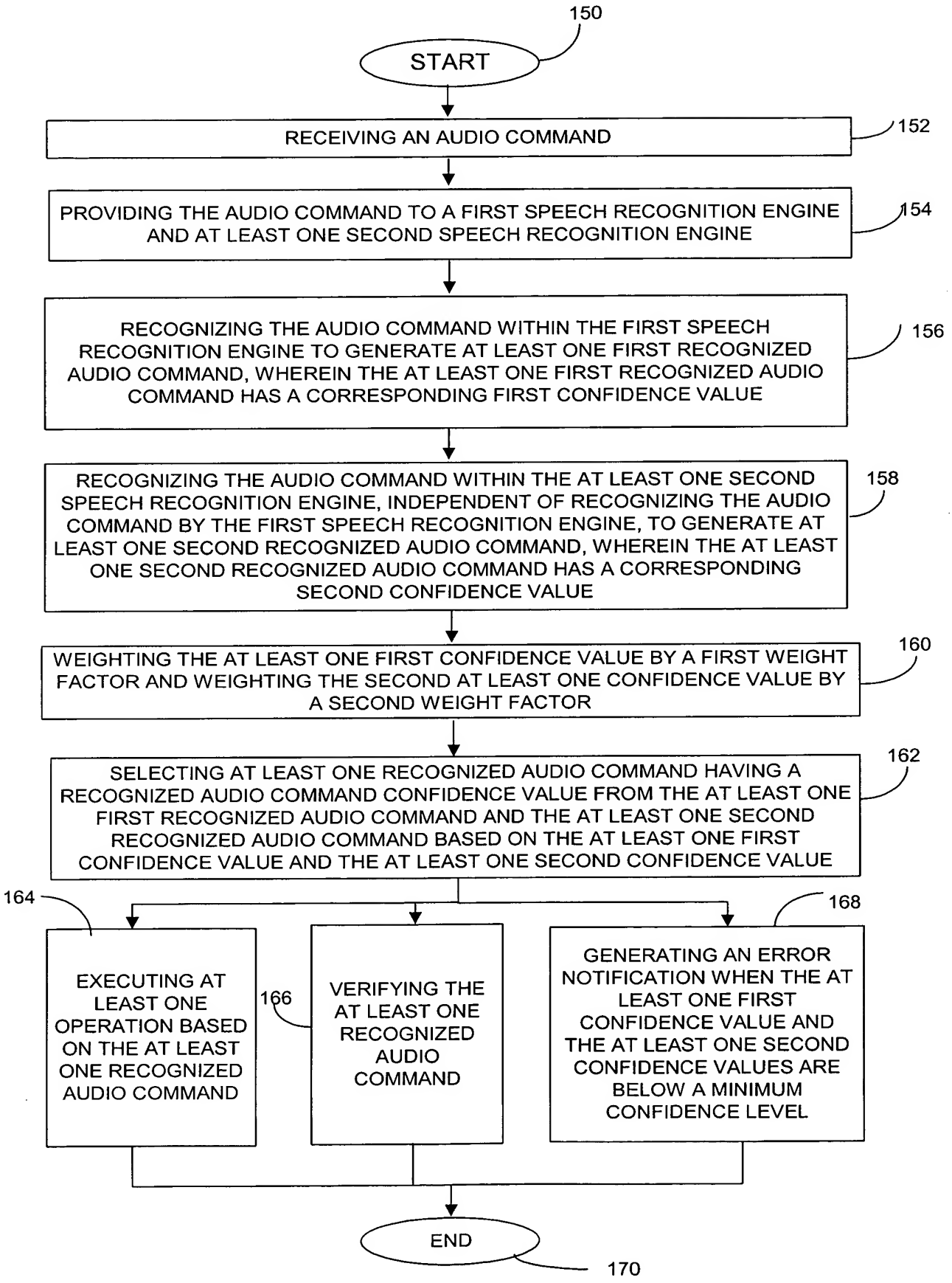
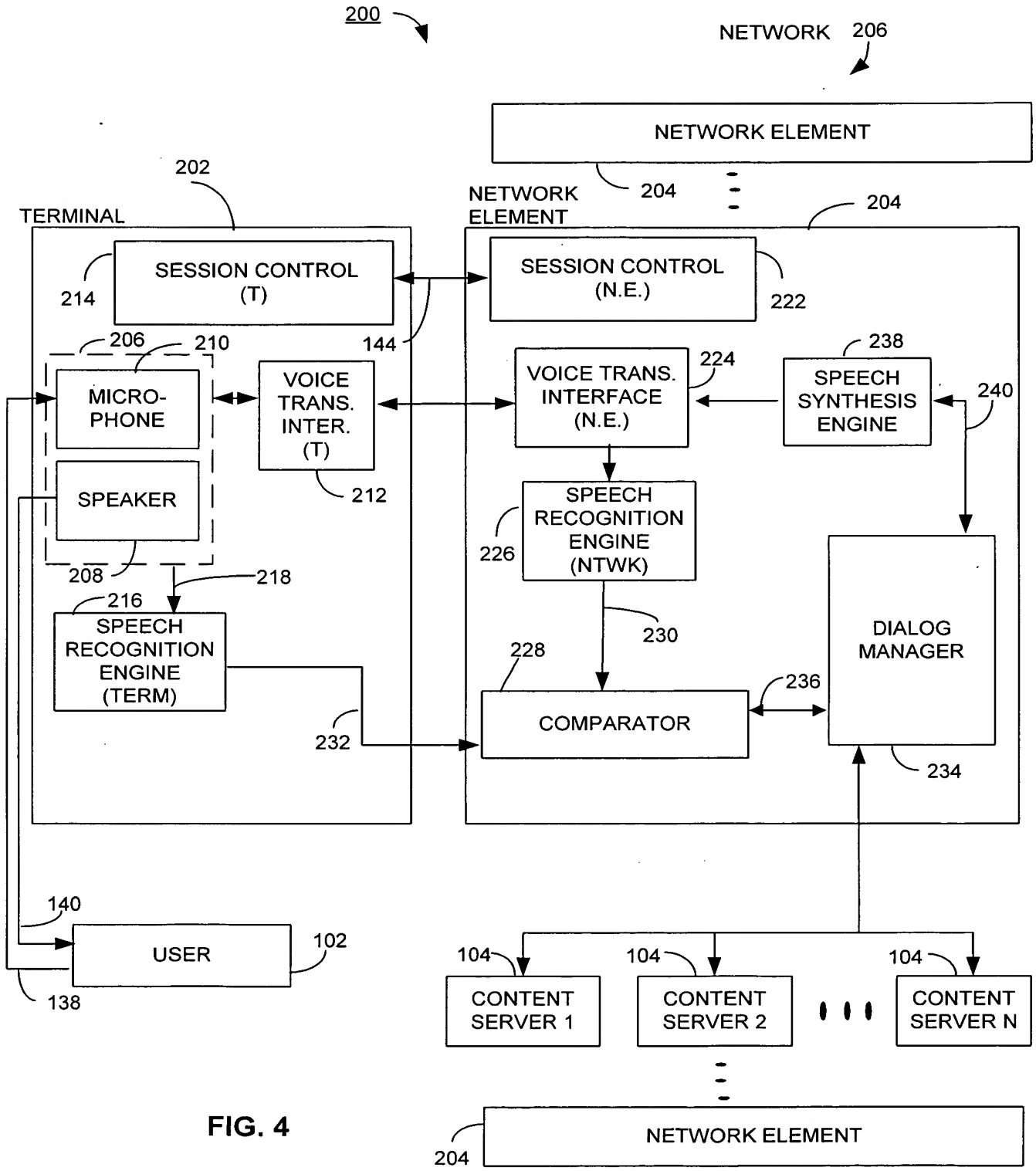

150
START
RECEIVING AN AUDIO COMMAND
152
PROVIDING THE AUDIO COMMAND TO A FIRST SPEECH RECOGNITION ENGINE AND AT LEAST ONE SECOND SPEECH RECOGNITION ENGINE
154
RECOGNIZING THE AUDIO COMMAND WITHIN THE FIRST SPEECH RECOGNITION ENGINE TO GENERATE AT LEAST ONE FIRST RECOGNIZED AUDIO COMMAND, WHEREIN THE AT LEAST ONE FIRST RECOGNIZED AUDIO COMMAND HAS A CORRESPONDING FIRST CONFIDENCE VALUE
156
RECOGNIZING THE AUDIO COMMAND WITHIN THE AT LEAST ONE SECOND SPEECH RECOGNITION ENGINE, INDEPENDENT OF RECOGNIZING THE AUDIO COMMAND BY THE FIRST SPEECH RECOGNITION ENGINE, TO GENERATE AT LEAST ONE SECOND RECOGNIZED AUDIO COMMAND, WHEREIN THE AT LEAST ONE SECOND RECOGNIZED AUDIO COMMAND HAS A CORRESPONDING SECOND CONFIDENCE VALUE
158
WEIGHTING THE AT LEAST ONE FIRST CONFIDENCE VALUE BY A FIRST WEIGHT FACTOR AND WEIGHTING THE SECOND AT LEAST ONE CONFIDENCE VALUE BY A SECOND WEIGHT FACTOR
160
SELECTING AT LEAST ONE RECOGNIZED AUDIO COMMAND HAVING A RECOGNIZED AUDIO COMMAND CONFIDENCE VALUE FROM THE AT LEAST ONE FIRST RECOGNIZED AUDIO COMMAND AND THE AT LEAST ONE SECOND RECOGNIZED AUDIO COMMAND BASED ON THE AT LEAST ONE FIRST CONFIDENCE VALUE AND THE AT LEAST ONE SECOND CONFIDENCE VALUE
162
164
EXECUTING AT LEAST ONE OPERATION BASED ON THE AT LEAST ONE RECOGNIZED AUDIO COMMAND
166
VERIFYING THE AT LEAST ONE RECOGNIZED AUDIO COMMAND
168
GENERATING AN ERROR NOTIFICATION WHEN THE AT LEAST ONE FIRST CONFIDENCE VALUE AND THE AT LEAST ONE SECOND CONFIDENCE VALUES ARE BELOW A MINIMUM CONFIDENCE LEVEL
END
170

FIG. 3


200
NETWORK 206
NETWORK ELEMENT
204
202
TERMINAL
NETWORK ELEMENT
204
SESSION CONTROL (T)
214
SESSION CONTROL (N.E.)
222
144
206
210
MICRO-PHONE
VOICE TRANS. INTER. (T)
212
SPEAKER
208
VOICE TRANS. INTERFACE (N.E.)
224
238
SPEECH SYNTHESIS ENGINE
240
SPEECH RECOGNITION ENGINE (NTWK)
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230
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216
SPEECH RECOGNITION ENGINE (TERM)
232
228
COMPARATOR
236
DIALOG MANAGER
234
140
USER
102
138
104
CONTENT SERVER 1
104
CONTENT SERVER 2
104
CONTENT SERVER N
NETWORK ELEMENT
204

FIG. 4

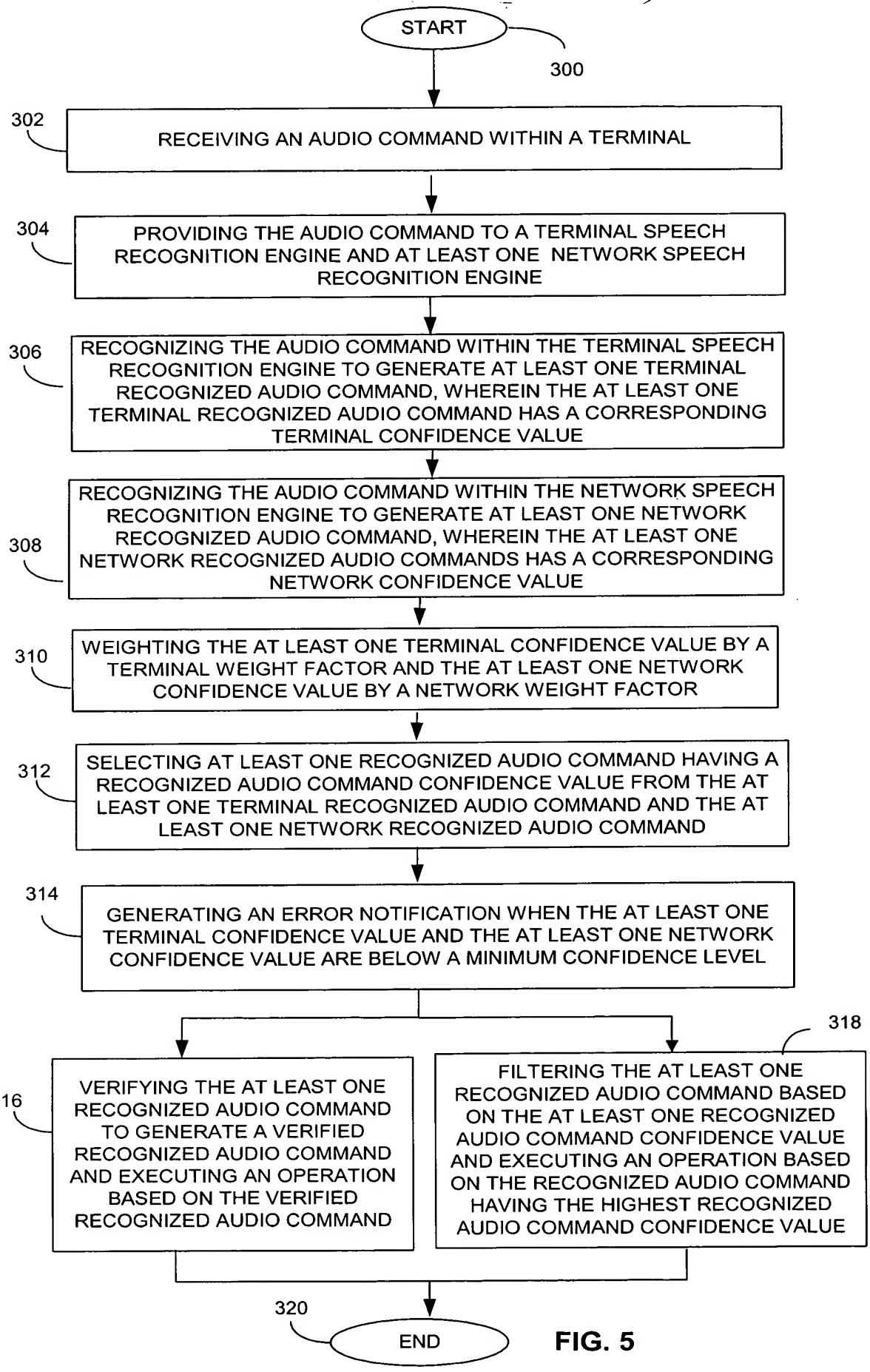

FIG. 5

Attorney Docket No. 33692.01.0051